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**FLUIDS, LUBRICANTS, AND
LUBRICATION TECHNOLOGY**

Work Unit Directive (WUD) 51

Dr. Jeffrey S. Zabinski



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14. ABSTRACT This final report is a bibliography of technical journal articles, presentations, patents, and reports generated by members of AFRL/MLBT and collaborators. The work was accomplished at Wright-Patterson AFB over a period of 10 years and covers such areas as fluids, lubricants, and lubrication technology.					
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FOREWORD

The following is a compilation of technical journal articles, presentations, patents, and reports generated by members of AFRL/MLBT and collaborators for the period 1985-1995.

A handwritten signature in black ink, reading "Jeffrey S. Zabinski". The signature is written in a cursive, flowing style with a large initial "J".

JEFFREY S. ZABINSKI, Chief
Nonstructural Materials Branch
Nonmetallic Materials Division

1985

PUBLICATIONS, PRESENTATIONS, PATENTS, TR'S

"Liquid Lubricants for Use at High Temperatures", American Society of Lubrication Engineers Special Publication SP-15 (1984).

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"Interaction of Metals with Chlorotrifluoroethylene Fluid at Elevated Temperatures", Lubrication Engineering 47, 816 (1991).

"Tribology of Metal Matrix Composites: Formation and Attrition of Third-Body Films", Proceedings of the XVIIIth Leeds-Lyon Symposium on Wear Particles: From the Cradle to the Grave, 3-6 Sep 1991, Lyon, France.

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"Friction and Wear of PbO Films Grown by PLD", presented at the ICMCTF Meeting, April 1992.

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"Charge Referencing in the XPS Analysis of Nonconducting Thin Films", presented at the ICMCTF Meeting, April 1992.

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Because In-House personnel and On-Site contractor personnel comprise the research effort team, many of the articles are co-authored. The following is a listing of articles by the research team that have been published, accepted for or submitted for publication in peer-reviewed journals during the reporting period.

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